



## DECLARATION, POWER OF ATTORNEY, AND PETITION FOR PATENT APPLICATION

Applicant: William M. Silver, E. John McGarry, Matthew L. Hill, Nigel Foster, Sanjay Nichani, Willard P. Foster and Adam Wagman  
Atty. Docket No. C98-035  
Serial No.: 09/114,335  
Filed: 07/13/98  
For: **METHOD FOR FAST ROBUST MULTI-DIMENSIONAL PATTERN RECOGNITION**

### DECLARATION

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am the original, first, and sole inventor (if only one name is listed below) or, the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR FAST ROBUST MULTI-DIMENSIONAL PATTERN RECOGNITION**  
the specification of which (check one)

- is attached hereto.
- was filed on 07/13/98 as Application Serial No. 09/114,335

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application;

that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application;

that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a);

that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below; and

that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Russ Weinzimmer, Esq.	Registration No. 36,717
Tracy Calabresi, Esq.	Registration No. 38,920
Arthur J. O'Dea, Esq.	Registration No. 42,952
Send correspondence to:	
Russ Weinzimmer, Esq. Cognex Corporation One Vision Drive Natick, MA 01760	 23459 PATENT & TRADEMARK OFFICE

Direct telephone calls to:

Arthur J. O'Dea, Esq. (508) 650-3108

Direct fax transmissions to:

**508-650-3329      Attention: Russ Weinzimmer, Esq.**

### PETITION FOR PATENT APPLICATION

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of first inventor: William M. Silver

Inventor's Signature: William M. Silver Date: 21 Sept 99

Residence: 25 Amherst Rd, Weston, MA 02493

Citizenship: USA

Post Office Address (if different): \_\_\_\_\_

Full Name of second inventor: E. John McGarry

Inventor's Signature: E. John McGarry Date: 9/30/99

Residence: 12395 SW CORYLUS CT, PORTLAND OR

Citizenship: USA

Post Office Address (if different): \_\_\_\_\_

Full Name of third inventor: Matthew L. Hill

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of forth inventor: Nigel Foster

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of fifth inventor: Sanjay Nichani

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of second inventor: E. John McGarry

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of third inventor: Matthew L. Hill

Inventor's Signature: Matthew L. Hill Date: 9/9/99

Residence: 12B Winnebago Road, Yonkers, NY 10710

Citizenship: U.S.

Post Office Address (if different): Same

Full Name of forth inventor: Nigel Foster

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of fifth inventor: Sanjay Nichani

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of second inventor: E. John McGarry

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of third inventor: Matthew L. Hill

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of forth inventor: Nigel Foster

Inventor's Signature: Nigel J. Foster Date: 9/7/99

Residence: 29 GARLAND Road, NEWTON MA 02459

Citizenship: U.S.A.

Post Office Address (if different): \_\_\_\_\_

Full Name of fifth inventor: Sanjay Nichani

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of second inventor: E. John McGarry

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of third inventor: Matthew L. Hill

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of forth inventor: Nigel Foster

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of fifth inventor: Sanjay Nichani

Inventor's Signature: S. J. nichani Date: 9/24/99

Residence: 5 PRYOR ROAD Natick MA 01760

Citizenship: U.S.

Post Office Address (if different): \_\_\_\_\_

Full Name of sixth inventor: Willard P. Foster  
Inventor's Signature: Willard P. Foster Date: 9/13/1999

Residence: 20 John Street Apt 1, Brookline MA 02446

Citizenship: USA

Post Office Address (if different): \_\_\_\_\_

Full Name of seventh inventor: Adam Wagman  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of sixth inventor: Willard P. Foster

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Post Office Address (if different): \_\_\_\_\_

Full Name of seventh inventor: Adam Wagman

Inventor's Signature: Adam Wagman Date: 9/23/99

Residence: 1550 Worcester Rd #101; Framingham, MA 01702

Citizenship: USA

Post Office Address (if different): \_\_\_\_\_